

#### PARTIAL EUROPEAN SEARCH REPORT

which under Rule 45 of the European Patent Convention shall be considered, for the purposes of subsequent proceedings, as the European search report

Application number

EP 89 10 5476

ategory		h indication, where appropriate, ant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. CI.4)
х	US-A- 3 657 744	(ERSEN) 4613 17/11		
		mn 3, lines 41-55;	25,29	A 61 F 2/06
Y	figures 3,4 *		33-36	A 01:1 2/00
l	_	<b>-</b>		
Y	EP-A-0 274 846 (	ROSENBLUTH) 36 (FZ/65		
	* Claim 1; figur	es *	33-36	,
-	-	. <del></del>		
A	EP-A-0 177 330 (	COOL INCORPARATED)		
	* Figures 7,8; p	page 6, lines	25,29	
	· -			
D,A	EP-A-0 221 570 (			
				TECHNICAL FIELDS SEARCHED (Int. CI.4)
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NCO	MPLETE SEARCH		1	A 61 F
the provisions a mea Claims se Claims se Claims no	cn Division considers that the presersions of the European Patent Conversions of the European Patent Conversions of the archarched completely: 25-36 stranged incompletely: 1-24 or the limitation of the search:	nt European patent application does not contion to such an extent that it is not possible ton the basis of some of the claims.	omply with le to carry	A 61 M A 61 B
body		of the human or animerapy (see art. 52(at Convention).		
		-		
	Place of search	Date of completion of the search		Examiner
·. ;;	The Hague	06-06-1989	S	TEENBAKKER
Y:pa	CATEGORY OF CITED DOCL rticularly relevant if taken alone rticularly relevant if combined w comment of the same category chnological background	E : earlier pate after the fili	int document ing date cited in the at	rlying the invention , but published on, or oplication r reasons

& : member of the same patent family, corresponding

document

EPO Form 1505.1 03 82

intermediate document

particularly relevant it taken alone particularly relevant if combined with another document of the same category technological background non-written disclosure

#### From the INTERNATIONAL BUREAU

#### **PCT**

#### **NOTIFICATION OF ELECTION**

(PCT Rule 61.2)

United States Patent and Trademark
Office
(Box PCT)
Washington D.C. 20231
United States of America

	o miss of a control
Date of mailing (day/month/year) 21 December 1995 (21.12.95)	in its capacity as elected Office
International application No. PCT/US95/06228	Applicant's or agent's file reference \$63.3-5519
International filing date (day/month/year) 18 May 1995 (18.05.95)	Priority date (day/month/year) 19 May 1994 (19.05.94)
Applicant  BURMEISTER, Paul, H. et al	

1.	The designated Office is hereby notified of its election made:
	X in the demand filed with the International Preliminary Examining Authority on:
	11 December 1995 (11.12.95)
	in a notice effecting later election filed with the International Bureau on:
2.	The election X was
	was not
	made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Authorized officer

J. Leitao

Facsimile No.: (41-22) 740.14.35

Telephone No.: (41-22) 730.91.11

# AMENDED CLAIMS PATENT COOPERATION TEST

**PCT** 

## COMMUNICATION OF INTERNATIONAL APPLICATIONS

(PCT Article 20)

Τc

United States Patent and Trademark Office (Box PCT) Washington D.C. 20231 United States of America

From the INTERNATIONAL BUREAU

in its capacity as designated Office

Date of mailing:

01 February 1996 (01.02.96)

The International Bureau transmits herewith copies of the international applications having the following international application numbers and international publication numbers:

International application no.:

PCT/US95/06228

International publication no.:

WO95/31945

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer:

J. Zahra

Telephone No.: (41-22) 730.91.11

#### **PCT**

## NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

#### From the INTERNATIONAL BUREAU

To:

ARRETT, Oliver, F. Vidas, Arrett & Steinkraus Suite 1540 920 Second Avenue South Minneapolis, MN 55402 ETATS-UNIS D'AMERIQUE

Applicant's or agent's file reference \$63.3-5519	IMPORTANT NOTICE
International application No. International filing da PCT/US95/06228 18 May 1995	• • • • • • • • • • • • • • • • • • • •

1. Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this Notice:

CA, EP, JP, US

- 2. In accordance with Rule 47.1(c), third sentence, each designated Office will accept the present Notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Offices.
- 3. Enclosed with this Notice is a copy of the international application as published by the International Bureau on

30 November 1995 (30.11.95) under No. WO 95/31945

SCIMED LIFE SYSTEMS, INC. et al

#### REMINDER REGARDING CHAPTER II (Article 31(2)(a) and Rule 54.2)

If the applicant wishes to postpone entry into the national phase until 30 months (or later in some Offices) from the priority date, a demand for international preliminary examination must be filed with the competent International Preliminary Examining Authority before the expiration of 19 months from the priority date.

It is the applicant's sole responsibility to monitor the 19-month time limit.

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for internationl preliminary examination.

#### REMINDER REGARDING ENTRY INTO THE NATIONAL PHASE (Article 22 or 39(1))

If the applicant wishes to proceed with the international application in the national phase, he must, within 20 months or 30 months, or later in some Offices, perform the acts referred to therein before each designated or elected Office.

For further important information on the time limits and acts to be performed for entering the national phase, see the Annex to Form PCT/IB/301 (Notification of Receipt of Record Copy) and Volume II of the PCT Applicant's Guide.

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer:

J. Zahra

Telephone No.: (41-22) 730.91.11

## WORLD INTELLECTUAL PROPERTY ORGANIZ. International Bureau



#### INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6:

A61F 2/06

 $\mathbf{A1}$ 

(11) International Publication Number:

WO 95/31945

(43) International Publication Date: 30 November 1995 (30.11.95)

(21) International Application Number:

PCT/US95/06228

(22) International Filing Date:

18 May 1995 (18.05.95)

(30) Priority Data:

08/246,320

19 May 1994 (19.05.94)

US

(71) Applicant (for all designated States except US): SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311 (US).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): BURMEISTER, Paul, H. [US/US]; 8554 Quarles Road North, Maple Grove, MN 55311 (US). EUTENEUER, Charles, L. [US/US]; 1951 Lander Avenue N.E., St. Michael, MN 55376 (US). BROWN, Brian, J. [US/US]; 178 Jandel Avenue N.E., Hanover, MN 55341 (US). FORDENBAUCHER, Paul, J. [US/US]; 3015 James Avenue South, Minneapolis, MN 55408 (US). VRBA, Anthony, C. [US/US]; 1266 88th Place North, Maple Grove, MN 55369 (US).
- (74) Agents: ARRETT, Oliver, F. et al.; Vidas, Arrett & Steinkraus, Suite 1540, 920 Second Avenue South, Minneapolis, MN 55402 (US).

(81) Designated States: CA, JP, US, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

#### Published

With international search report. With amended claims.

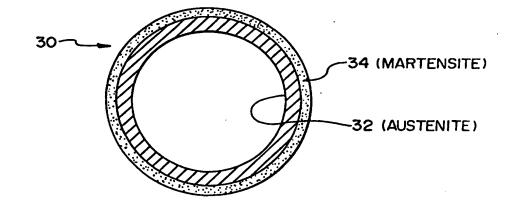
Date of publication of the amended claims:

1 February 1996 (01.02.96)

#### (54) Title: IMPROVED TISSUE SUPPORTING DEVICES

#### (57) Abstract

A new multiple component stent (10) which allows for initial self-expansion and subsequent deformation to a final enlarged size. In one embodiment, stent (10) comprises a first resilient element (12) and a second deformable element (14). In another embodiment, stent (30) is made of a first austenite component (32) and a second martensite component (34).



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FI	Finland	ML	Mali	UZ	Uzbekistan
FR	France	MN	Mongolia	VN	Viet Nam
GA	Gabon		-		

#### AMENDED CLAIMS

[received by the International Bureau on 28 December 1995 (28.12.95); new claims 22-30 added; remaining claims unchanged (1 page)]

deployment diameter smaller than the predetermined fabricated diameter and upon transformation of the austenite phase portion from martensite back to austenite to self-expand the stent back to the austenite phase portion predetermined fabricated diameter at temperatures in excess of the transition temperature of the austenite superelastic portion, the shape memory of the superelastic austenitic portion tending to form the austenitic portions of the stent to the fabricated diameter parent shape due to its shape memory, with the martensitic portions remaining in the deployment shape, additional recovery back toward the stent fabricated diameter parent shape can be assisted by an external force deforming the martensitic portion without slip deformation to an enlarged stent diameter beyond that of the self-expanded austenitic portion diameter, but not greater than the stent fabricated diameter parent shape.

- 22. The stent of claim 20 wherein the alloy is a NiTi nitinol alloy.
- 23. The stent of claim 22 wherein the alloy compositions is about 50Ni/50Ti atomic weight percent.
- 24. The stent of claim 20 wherein the alloy is a cold worked alloy.
- 25. The stent of claim 20 wherein the alloy is NiTi (nitinol).
- 26. The stent of claim 20 wherein the alloy is a prestrained alloy.
- 27. The stent of claim 26 wherein the alloy is NiTi (nitinol).
- 28. The stent of claim 20 wherein the alloy exhibits cycle amnesia.
- 29. The stent of claim 28 wherein the alloy is NiTi (nitinol).
- 30. The stent of claim 21 wherein the two phase portions comprise a single alloy.

#### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference \$63.3-5519	FOR FURTHER ACTION		f Transmittal of International Search Report 220) as well as, where applicable, item 5 below.
International application No.	International filing date(	lay/month/year)	(Earliest) Priority Date (day/month/year)
PCT/ US 95/ 06228	18/05/95		19/05/94
Applicant			
SCIMED LIFE SYSTEMS, INC.	et al.		
This international search report has been according to Article 18. A copy is being t			ority and is transmitted to the applicant
This international search report consists of X It is also accompanied by a cop		sheets. nt cited in this repor	t.
1. Certain claims were found unsea	rchable (see Box I).		
2. Unity of invention is lacking (see	Box II).		
The international application co international search was carried			acid sequence listing and the
filed	l with the international appl	ication.	
furn r	nished by the applicant separ	•	••
L			e effect that it did not include international application as filed.
Trai	nscribed by this Authority		
4. With regard to the title, X the	text is approved as submitte	ed by the applicant.	
the	text has been established by	this Authority to re	ead as follows:
5. With regard to the abstract,			
	text is approved as submitte		
Box		hin one month from	2(b), by this Authority as it appears in not the date of mailing of this international
6. The figure of the drawings to be publi	ished with the abstract is:		
	uggested by the applicant.		None of the figures.
	tuse the applicant failed to s tuse this figure better charac		
веса	and inguie better charac	terizes the invention	

International application No.

PCT/US 95/06228

Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

A new multiple component stent (10) which allows for initial self-expansion and subsequent deformation to a final enlarged size. In one embodiment, stent (10) comprises a first resilient element (12) and a second deformable element (14). In another embodiment, stent (30) is made of a first austenite component (32) and a second martensite component (34).

A. CLASSIFICATION OF SUBJECT MATTER IPC 6 A61F2/06

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED** 

Minimum documentation searched (classification system followed by classification symbols) IPC 6 A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

Category *		
	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR,A,2 617 721 (NIPPON ZEON) 13 January 1989	6-9, 15-18, 20,21
	see page 10, line 10 - page 14, line 33; figures 15-20	
A	GB,A,2 175 824 (BARRY) 10 December 1986 see abstract; figures	6,9,15, 17,20,21
A	WO,A,94 03127 (WILLIAM COOK EUROPE) 17 February 1994	6-9,12, 15-18, 20,21
	see page 14, line 20 - line 34; claims 5,6; figures 1,5	
	<b></b>	
	_/	

"A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier document but published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
20 October 1995	3 0. 10. 95
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk	Authorized officer
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Klein, C

1

Further documents are listed in the continuation of box C.

Y Patent family members are listed in annex.

## INTERNATIONAL SEARCH REPORT

International Application No PCT/US 95/06228

	on) DOCUMENTS CONSIDERED TO BE RELEVANT  Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Legol y	creation of document, with indication, where appropriate, of the relevant passages	Kelevani to ciaini 140.
`	WO,A,92 19310 (ADVANCED CORONARY TECHNOLOGY) 12 November 1992	6-9,12, 15-18, 20,21
	see the whole document	
<b>,</b>	EP,A,O 364 787 (EXPANDABLE GRAFTS PARTNERSHIP) 25 April 1990 see figures 7,8	13
	EP,A,O 335 341 (EXPANDABLE GRAFTS PARTNERSHIP) 4 October 1989 see figures 7-10	13
A	US,A,5 147 370 (MCNAMARA) 15 September 1992 see column 1, line 61 - line 63; claim 8	18
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## INTERNATIONAL SEARCH REPORT

formation on patent family members

International Application No PCT/US 95/06228

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
FR-A-2617721	13-01-89	JP-A- DE-A- US-A-	1017658 3823060 4969890	20-01-89 19-01-89 13-11-90
GB-A-2175824	10-12-86	NONE		
WO-A-9403127	17-02-94	AU-B- CA-A- EP-A- PL-A-	4698493 2141208 0653924 307260	03-03-94 17-02-94 24-05-95 15-05-95
WO-A-9219310	12-11-92	US-A- CA-A- EP-A- JP-T-	5197978 2109312 0585326 6507096	30-03-93 27-10-92 09-03-94 11-08-94
EP-A-364787	25-04-90	AU-B- AU-B- JP-A- US-A-	623438 4248589 2174859 5195984	14-05-92 12-04-90 06-07-90 23-03-93
EP-A-335341	04-10-89	US-A- AU-B- AU-B- CA-A- JP-A-	5102417 633478 3174289 1330186 1299550	07-04-92 04-02-93 28-09-89 14-06-94 04-12-89
US-A-5147370	15-09-92	AU-A- EP-A- WO-A-	2237792 0588959 9222263	12-01-93 30-03-94 23-12-92



## PATENT COOPERATION T

# **PCT**

REC'D	0 9 AUG 1996
WIPO	PCT

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference  S63.3-5519	FOR FURTHER ACTION		tion of Transmittal of International Examination Report (Form PCT/IPEA/416)
International application No.	International filing date (day)	month/year)	Priority date (day/month/year)
PCT/US 95/ 06228	18/05/1995		19/05/1994
International Patent Classification (IPC) or	<u> </u>		
	A61F2/06		
Applicant SCIMED LIFE SYSTEMS, INC.	. et al.		
<ol> <li>This international preliminary exan Authority and is transmitted to the</li> <li>This REPORT consists of a total</li> </ol> This report is also accompanies	e applicant according to Article  of sheets, including the ANNEXES, i.e., sheets	36.  In this cover she so of the descript	et.
hoon amended and are the ha	sis for this report and/or sheets 07 of the Administrative Instru	containing rect	ifications made before this Authority
		to the following	, items:
_	d corresponding pages relating	to the following	g nems.
I X Basis of the report			
II Priority			
III Non-establishment of o	ppinion with regard to novelty,	inventive step a	nd industrial applicability
IV Lack of unity of invent	ion		
V Reasoned statement un citations and explanation	der Article 35(2) with regard to ons supporting such statement	novelty, invent	tive step or industrial applicability;
VI Certain documents cite	d		**
VII X Certain defects in the in	nternational application		
VIII 🗲 Certain observations o	n the international application		
			- Cobin annual
Date of submission of the demand	Da	te of completion	or this report
11/12/1995		1:	<b>- 7.</b> 08. 96
Name and mailing address of the IPEA/	Au	thorized officer	0
European Patent Office		100	
D-80298 Munich Tel. (+49-89) 2399-0, Tx: 523 Fax: (+49-89) 2399-4465	656 epmu d	Y T	I. Sampatakos

Intern. application No.
PCT/US95/06228

I. Basis of the repor	t	
Office in response	•	ment sheets which have been furnished to the receiving re referred to in this report as "originally filed" and are endments.):
[ ] the interna	tional application as originally file	d.
[x] the descrip	pagespages 1,1a,4,5	, as originally filed,, filed with the demand,, filed with the letter of 15.04.96,, filed with the letter of,
[f x] the claims,	Nos. 1-19	, as amended under Article 19,
<pre>[x] the drawing</pre>	sheets/figsheets/fig	, as originally filed,, filed with the demand,, filed with the letter of,, filed with the letter of
[ ] the descrip [ ] the claims, [ ] the drawing 3. [ ] This report h	s, sheets/fig	the amendments had not been made, since they have been

4. Additional observations, if necessary:

PCT/US95/06228

٧.	Reasoned statemen	t under	Article 35(	2) with	regard	to novelty	, inventive	step	and	industrial	applicabil	lity;
	citations and exp	lanation	ns supportin	y such	stateme	nt						

Citations and explanations supporting such statement					
Claims 1-19	YES				
Claims	NO NO				
Claims 1-19	YES				
Claims	NO				
Claims 1-19	YES				
Claims	NO NO				
	Claims 1-19  Claims 1-19  Claims 1-19  Claims 1-19				

#### 2. CITATIONS AND EXPLANATIONS

The basic aspect of the subject-matter of Claim 1 is the combination of two well known principles in the field of stents, namely starting from a self-expanding "Wallstent"-stent to improve it so as to impart to it also properties of a plastically deformable stent (like the well known "Palmaz"-stent) or vice-versa. Although it is irrelevant from which of these types of stents a problem-solution approach should start, it appears more reasonable to start from a self expanding stent, since, at least in the starting application phase of the claimed stent, which is also the most important task of the whole treatment, namely to dilate the artery, the self-expansion is the predominant aspect. Thus e.g. document WO 94/03127 could be used as the nearest prior art for Claim (since no typical "Wallstent"-stent document is included in the search report), this document disclosing in addition to thermally activated shape memory stents also "normal" self-expanding ones, see page 13, line 34 to page 14, line 3. The problematic of the whole application is well de-



scribed on page 1 ending with the aim of the application namely to combine the advantages of both known types of stents, see page 1, lines 31-32. This is achieved by the features of Claim 1 clearly stating that the stent comprises two different types of portions each of which have a defined different behaviour and which portions are combined so as to impart to the composite product a mixture of both advantages.

The idea appears indeed simple but since no indication whatsoever about such a combination can be found in the documents of the search report and since furthermore the effect achieved by this combination appears to be important, not only novelty (Art. 33(2) PCT), but also an inventive step (Art. 33(3) PCT) has to be recognized in the subject-matter of Claim 1.

Claims 2-19 are directly dependent from Claim 1 and fulfil therefore also the requirements of novelty and inventive step.

Intern. application No.

VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

Since reference signs in parentheses have not been inserted in the claims to increase their intelligibility, the requirements of Rule 6.2(b) PCT is not met. This applies to both the preamble and characterising portion.

The requirements of Rule 6.3(b) PCT are also not met, since the independent claim is not cast in the two part form, with those features which in combination are part of the prior art being placed in the preamble.

VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

- 1. Claim 1 lacks clarity in view of its starting phrase "As a tissue supporting device a constrainable, ...member ...", since it puts particular emphasis on the use in which the device is to be put and not on the structural features thereof. A wording like "A constrainable tissue supporting device comprising a ... member" could be used to overcome such a deficiency.
- 2. Claim 11 lacks clarity according to Art. 6 PCT as for the newly introduced term "permanent self-expanding stent", since it is not clear what has to be understood under the term "permanent". Is it a time aspect or any other idea like temperature conditions which are relevant in view of the other features of this claim referring to the temperature transformation of shape memory alloys? Depending on what the interpretation of this term would be, also an objection under Art. 34(2)(b) could apply to this amendment. This term should therefore either have been clarified on the basis of the original description or deleted.
- The use of the term "nitinol" in Claim 9 and throughout the whole description, regardless whether it is a trade mark specially provided for a stent or for any other article or a simple name for a non protected product or material, causes a lack of clarity in the sense of Art. 6 PCT and the Guidelines PCT/GL/3-Chapter III-4.5b, since it is not exactly known what "nitinol" is. Such a term is for instance not included in the "Chambers Science and Technology Dictionary". Therefore, instead of the said term the term "TiNi-alloy" should have been used.

A. CLASSIFICATION OF SUBJECT MATTER IPC 6 A61F2/06 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system followed by classification symbols) IPC 6 **A61F** Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Category Citation of document, with indication, where appropriate, of the relevant passages A FR,A,2 617 721 (NIPPON ZEON) 13 January 6-9, 15-18, 20,21 see page 10, line 10 - page 14, line 33; figures 15-20 6,9,15, GB, A, 2 175 824 (BARRY) 10 December 1986 17,20,21 see abstract; figures 6-9,12, WO, A, 94 03127 (WILLIAM COOK EUROPE) 17 A 15-18, February 1994 20,21 see page 14, line 20 - line 34; claims 5,6; figures 1,5 Further documents are listed in the continuation of box C. Patent family members are listed in annex. X Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means document published prior to the international filing date but later than the priority date claimed in the art. "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 3 0. 10. 95 20 October 1995 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2

NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,

Fax: (+31-70) 340-3016

Klein, C

		PC1/US 95	5/06228
C.(Continua	tion) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
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